

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A metal/ceramic bonding substrate comprising:

- a ceramic substrate;
- a metal circuit plate bonded to one side of said ceramic substrate;
- a heat sink member, one side of which is bonded to the other side of said ceramic substrate; and
- a work-hardened layer formed on the other side of said heat sink member.

Claim 2 (original): A metal/ceramic bonding substrate as set forth in claim 1, wherein said work-hardened layer is formed by work-hardening a surface of said heat sink member by shot peening.

Claim 3 (original): A metal/ceramic bonding substrate as set forth in claim 1, wherein a warpage of the other side of said heat sink member is -200 micrometers or more, assuming that said warpage is a difference in height between a center and edge of the other side of said heat sink member and is positive (+) when the other side of said heat sink member warps so as to be convex and negative (-) when the other side of said heat sink member warps so as to be concave.

Claim 4 (original): A metal/ceramic bonding substrate as set forth in claim 1, wherein a warpage of the other side of said

heat sink member is in the range of from -100 to +500 micrometers, assuming that said warpage is a difference in height between a center and edge of the other side of said heat sink member and is positive (+) when the other side of said heat sink member warps so as to be convex and negative (-) when the other side of said heat sink member warps so as to be concave.

Claim 5 (original): A metal/ceramic bonding substrate as set forth in claim 1, wherein a warpage of the other wide of said heat sink member is in the range of from 0 to +200 micrometers, assuming that said warpage is a difference in height between a center and edge of the other side of said heat sink member and is positive (+) when the other side of said heat sink member warps so as to be convex and negative (-) when the other side of said heat sink member warps so as to be concave.

Claim 6 (original): A metal/ceramic bonding substrate as set forth in claim 1, wherein said metal circuit plate and said heat sink member contact said ceramic substrate to be bonded directly to said ceramic substrate.

Claim 7 (original): A power module comprising:
a metal/ceramic bonding substrate as set forth in claim 1;
and
a semiconductor chip soldered on said metal circuit plate of said metal/ceramic bonding substrate.

Claims 8 and 9 (cancelled).